



简化指数表达式(2变数)

姓名: _____

日期: _____ 分数: _____

$$\frac{3x^{(-7)} \times y^{(-3)}(x^5 \times y^5)^5}{4 \times y^{(-1)}(x^2)^4}$$

$$6x^3 \times y^3(x^{(-3)} \times y^3)^{(-3)}$$

$$8 \times y^{(-3)}x^{(-5)}(x^{(-2)})^{(-3)}x^3(y^{(-3)})^5$$

$$\frac{4x^6 \times y^{(-3)}(x^4 \times y^4)^{(-2)}}{9 \times y^2(x^{(-1)})^3}$$

$$7 \times y^{(-4)}x^{(-1)}(x^3)^{(-2)}x^3(y^{(-3)})^4$$

$$\frac{x^{(-7)} \times y^{(-1)}(x^5 \times y^5)^2}{5 \times y^{(-2)}(x^2)^3}$$

$$\frac{8x^{(-2)} \times y^{(-1)}(x^3 \times y^3)^4}{2 \times y^{(-2)}(x^2)^4}$$

$$7 \times y^{(-4)}x^{(-6)}(x^4)^4x^2(y^{(-2)})^4$$

$$2x^{(-1)} \times y^{(-1)}(x^4 \times y^{(-3)})^{(-1)}$$

$$3 \times y^{(-3)}x^4(x^5)^2x^2(y^{(-2)})^{(-2)}$$



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$$\frac{3x^{(-7)} \times y^{(-3)}(x^5 \times y^5)^5}{4 \times y^{(-1)}(x^2)^4}$$
$$\frac{3}{4}x^{10}y^{23}$$

$$6x^3 \times y^3(x^{(-3)} \times y^3)^{(-3)}$$
$$\frac{6x^{12}}{y^6}$$

$$8 \times y^{(-3)}x^{(-5)}(x^{(-2)})^{(-3)}x^3(y^{(-3)})^5$$
$$\frac{8x^4}{y^{18}}$$

$$\frac{4x^6 \times y^{(-3)}(x^4 \times y^4)^{(-2)}}{9 \times y^2(x^{(-1)})^3}$$
$$\frac{4x}{9y^{13}}$$

$$7 \times y^{(-4)}x^{(-1)}(x^3)^{(-2)}x^3(y^{(-3)})^4$$
$$\frac{7}{x^4y^{16}}$$

$$\frac{x^{(-7)} \times y^{(-1)}(x^5 \times y^5)^2}{5 \times y^{(-2)}(x^2)^3}$$
$$\frac{y^{11}}{5x^3}$$

$$\frac{8x^{(-2)} \times y^{(-1)}(x^3 \times y^3)^4}{2 \times y^{(-2)}(x^2)^4}$$
$$4x^2y^{13}$$

$$7 \times y^{(-4)}x^{(-6)}(x^4)^4x^2(y^{(-2)})^4$$
$$\frac{7x^{12}}{y^{12}}$$

$$2x^{(-1)} \times y^{(-1)}(x^4 \times y^{(-3)})^{(-1)}$$
$$\frac{2y^2}{x^5}$$

$$3 \times y^{(-3)}x^4(x^5)^2x^2(y^{(-2)})^{(-2)}$$
$$3x^{16}y$$